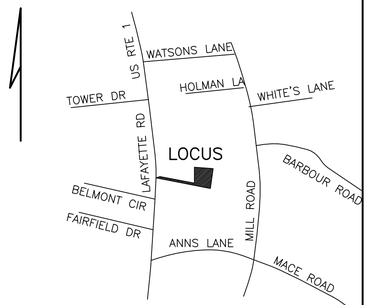
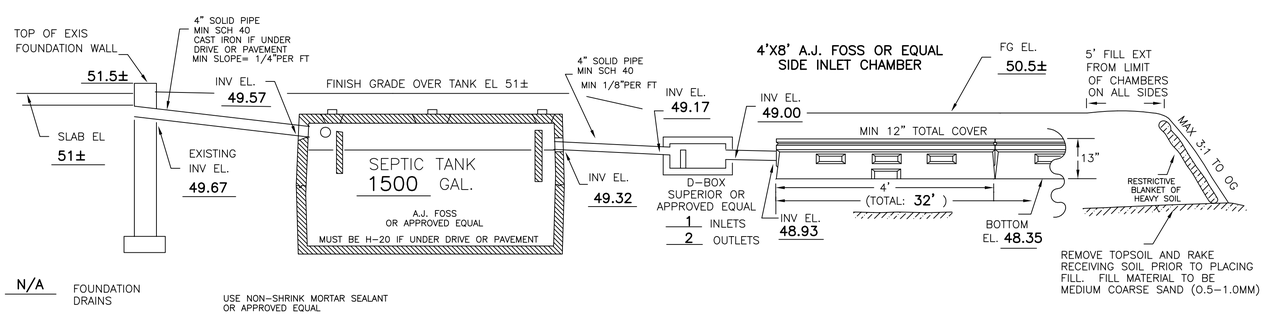
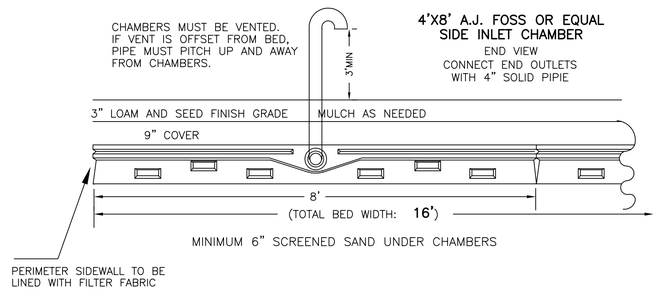
# LOCUS MAP

NOT TO SCALE





TOP OF EXIS FOUNDATION WALL
51.5±
4" SOLID PIPE MIN SCH 40 CAST IRON IF UNDER DRIVE OR PAVEMENT MIN SLOPE= 1/4"PER FT
INV EL. 49.57
FINISH GRADE OVER TANK EL 51±
SLAB EL 51±
EXISTING INV EL. 49.67
SEPTIC TANK 1500 GAL.
A.J. FOSS OR APPROVED EQUAL
MUST BE H-20 IF UNDER DRIVE OR PAVEMENT
4" SOLID PIPE MIN SCH 40 MIN 1/8"PER FT
INV EL. 49.32
INV EL. 49.17
D-BOX SUPERIOR OR APPROVED EQUAL
1 INLETS
2 OUTLETS
4'X8' A.J. FOSS OR EQUAL SIDE INLET CHAMBER
INV EL. 49.00
FG EL. 50.5±
5' FILL EXT FROM LIMIT OF CHAMBERS ON ALL SIDES
MIN 12" TOTAL COVER
13"
4' (TOTAL: 32')
INV EL. 48.93
BOTTOM EL. 48.35
MAX 3:1 TO OG
RESTRICTIVE BLANKET OF HEAVY SOIL
REMOVE TOPSOIL AND RAKE RECEIVING SOIL PRIOR TO PLACING FILL. FILL MATERIAL TO BE MEDIUM COARSE SAND (0.5-1.0MM)
N/A
FOUNDATION DRAINS
USE NON-SHRINK MORTAR SEALANT OR APPROVED EQUAL


CHAMBERS MUST BE VENTED. IF VENT IS OFFSET FROM BED, PIPE MUST PITCH UP AND AWAY FROM CHAMBERS.
3"MIN
4'X8' A.J. FOSS OR EQUAL SIDE INLET CHAMBER
END VIEW
CONNECT END OUTLETS WITH 4" SOLID PIPIE
3" LOAM AND SEED FINISH GRADE
MULCH AS NEEDED
9" COVER
8'
(TOTAL BED WIDTH: 16')
MINIMUM 6" SCREENED SAND UNDER CHAMBERS
PERIMETER SIDEWALL TO BE LINED WITH FILTER FABRIC

## CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

**SOIL CLASS:** 510 HOOSIC

(SOURCE: USDA-SCS SOIL SURVEY)

**BENCH MARKS:** DATUM = ASSUMED

#1 SET SPIKE EL 50.00

#2 SET NAILSPLIT PINE EL 51.08

#3 TOP OUTSIDE COR EXIS FND WALL EL 51.54

**DESIGN INTENT:**

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 48.35
2. THERE IS/ARE APPROX 18" FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS.

**SUITABLE REPLACEMENT AREA:**

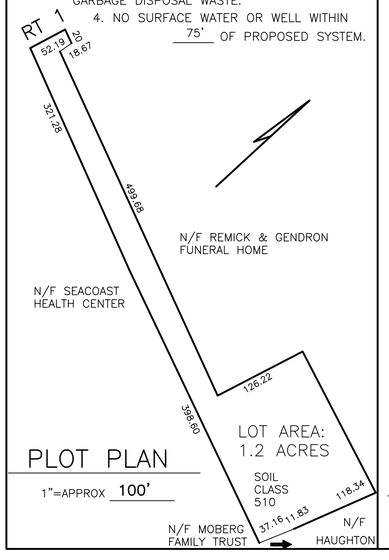
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

**LEGEND:**

- 50 / (50) — EXISTING CONTOUR / PROPOSED CONTOUR
- 50.0 — EXISTING SPOT ELEVATION
- (50.0) — PROPOSED SPOT ELEVATION

**NOTES:**

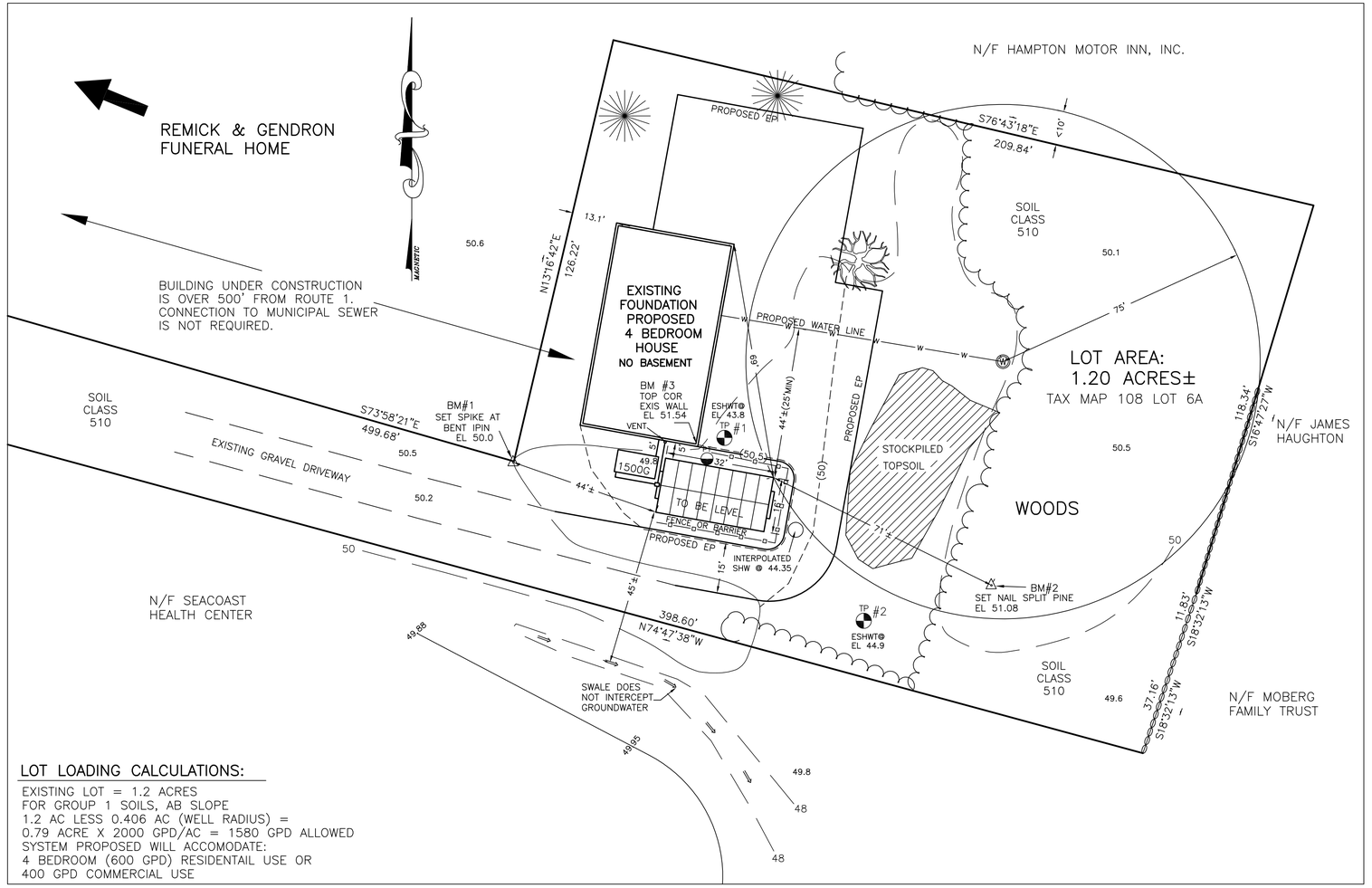
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD PLAN D21376
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: NONE. SURROUNDING PROPERTIES ARE ON TOWN SEWER. LOT SIZE SUPPORTS PROP. USE.
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 75' OF PROPOSED SYSTEM.




## PLOT PLAN

1"=APPROX 100'

## PLAN : 1"=20'




**LOT LOADING CALCULATIONS:**

EXISTING LOT = 1.2 ACRES
FOR GROUP 1 SOILS, AB SLOPE
1.2 AC LESS 0.406 AC (WELL RADIUS) =
0.79 ACRE X 2000 GPD/AC = 1580 GPD ALLOWED
SYSTEM PROPOSED WILL ACCOMODATE:
4 BEDROOM (600 GPD) RESIDENTAIL USE OR
400 GPD COMMERCIAL USE

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

## TP TEST PIT DATA

DATE: SEPTEMBER 01, 2004

TOWN INSPECTOR: N/A

**TEST PIT #1** EL 49.8

| | |
|---|---|
| 0 – 6" | GRADED FILL, GRAVEL AND LOAMY SAND |
| 6 –18" | 10YR5/6 GRAVELLY SANDY LOAM, GRANULAR FRIABLE |
| 18–96" | 10YR6/3 AND 2.5Y6/3 MIXED GRAVELLY MEDIUM TO COARSE SAND, SINGLE GRAIN |

ESHWT @ 72", SOME STAINING, OBSERVED WATER @ 72"
NO REFUSAL

**TEST PIT #2** EL 48.9

(STRIPPED, NO TOPSOIL)

| | |
|---|---|
| 0 – 8" | 10YR5/6 GRAVELLY FINE SANDY LOAM GRANULAR FRIABLE |
| 8 –72" | 10YR5/4 TO 5/6 GRAVELLY COARSE SAND TIGHT, SINGLE GRAIN |

ESHWT @ 48" (MOTTLES), OBS WATER @ 72", NO REFUSAL

## PT PERC TEST DATA

| | |
|---|---|
| DATE | 9/1/04 |
| PERC RATE: | 2 MIN/IN DEPTH: 24" |
| DESIGN LOADING: | 4 BEDROOMS |
| AREA REQUIRED: | 750 SFX 0.6 = 450 SF CHAMBERS |
| AREA PROPOSED: | SIXTEEN 4X8 CHAMBERS FOR 16' X 32' = 512 SF PROVIDED |

PROPOSED

## SEPTIC SYSTEM PLAN

LOCUS: 803 LAFAYETTE ROAD
HAMPTON, NH

OWNER: REMICK & GENDRON FUNERAL HOME
811 LAFAYETTE ROAD
HAMPTON, NH 03842

NEW HAMPSHIRE Designer of Subsurface Disposal Systems ★★★ Anne W. Bialobrzeski No. 348 Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

DATE: 01/05/05

APPROVAL: CA2005070100